

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-9-190
Relating to Certification of New Heavy-Duty Motor Vehicle Engines

CHRYSLER MOTORS CORPORATION

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102, and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That the following Chrysler Motors Corporation 1989 model-year gasoline engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) of 8,501 to 14,000 pounds:

<u>Engine Family</u>	<u>Displacement Liters (Cubic Inches)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
KCC05.9BGBX	5.9 (360)	Air Injection - Pump (2) Exhaust Gas Recirculation Heated Oxygen Sensor (Central Fuel Injection)

Engine models and codes are listed on attachments.

The manufacturer has elected to certify those engines used in motor vehicles of 8,501 to 14,000 pounds GVWR to emission standards for engines used in motor vehicles over 14,000 pounds GVWR in accordance with 40 CFR 86.088-10(a)(3)(i). The manufacturer will use Tune-Up Label statements in accordance with California Motor Vehicle Tune-Up Label Specifications last amended, April 25, 1986, Section 3.(b)xii.(2) and will submit final California sales figures within 60 days after the end of production.

The following are the emission standards for this engine family:

<u>Hydrocarbons gm/bhp-hr</u>	<u>Carbon Monoxide gm/bhp-hr</u>	<u>Nitrogen Oxides gm/bhp-hr</u>
1.9	37.1	6.0

The following are the certification emission values for this engine family:

<u>Engine Family</u>	<u>Hydrocarbons gm/bhp-hr</u>	<u>Carbon Monoxide gm/bhp-hr</u>	<u>Nitrogen Oxides gm/bhp-hr</u>
KCC05.9BGBX	1.4	29.4	4.9

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

Engines certified under this Executive Order must conform to all applicable California emission regulations.

BE IT FURTHER RESOLVED: That if the manufacturer exceeds the 5% limit stipulated in 40 CFR 86.088-10(a)(3)(i), penalties as specified in California Health and Safety Code Section 43154 shall apply.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 22nd day of April, 1988.


K. D. Drachand, Chief
Mobile Source Division

**19₈₉ AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY GASOLINE ENGINES**

Manufacturer CHRYSLER MOTORS CORPORATIONEngine Family KCC05.9BGBXLiters (CID) 5.9 (360)Eng. Type OHV V/8Emission Control Sys. and (Special Features) AIP-DUAL, EGR, HOS, (CFI)

Engine Model (Engine Code)	Maximum Rated HP at RPM	Rated Torque at RPM	Ignition System (ECU)	Fuel System	EGR Valve	Catalyst
			Mfr. Part Number	Mfr. Part Number	Mfr. Part Number	Mfr. Part Number
360-1 (BB1)	205 @ 4000	305 @ 2000	4379796 4379923	THROTTLE BODY 4307859	4287165	(NONE)
360-1) BB2			4379800 4379925			

Date of Issue _____

Revisions:

030186